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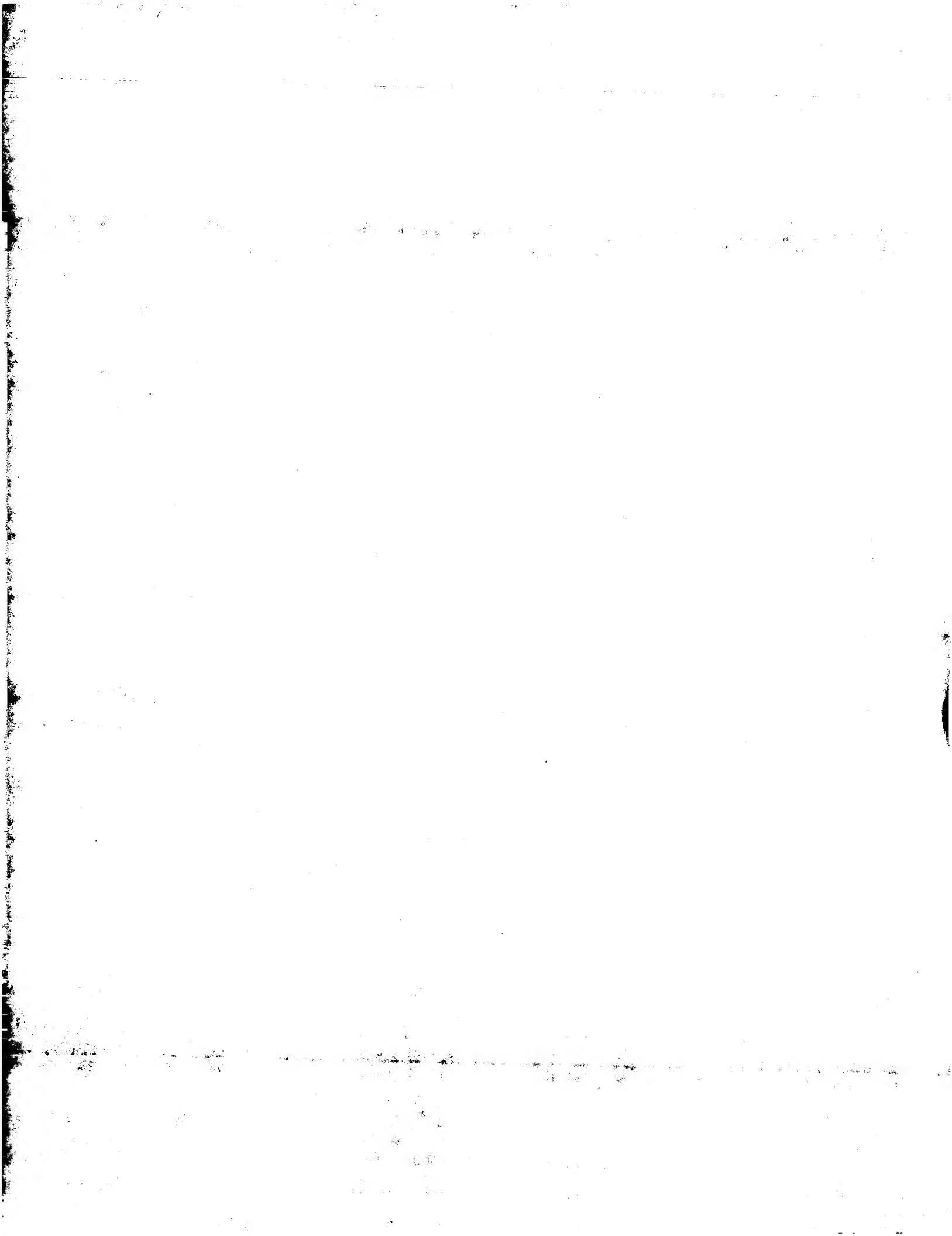
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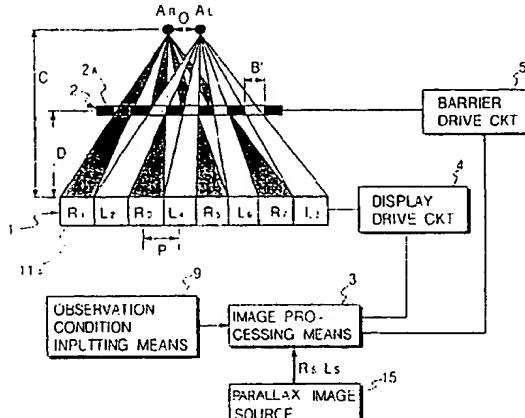
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(54) Stereoscopic image display method and apparatus

(57) This invention provides a stereoscopic image display method and apparatus. The method includes the steps of dividing each of a plurality of parallax images supplied from a parallax image source having parallax image information into stripe pixels, displaying, on a display, a single stripe image by arranging and synthesizing some of the stripe pixels in a predetermined order, displaying a slit pattern consisting of a light-transmission portion and a light-shielding portion arranged at a predetermined pitch on a spatial light modulation element arranged at a predetermined position on the front or rear side of the display, inputting light transmitted through the stripe pixels, corresponding to the right and left eyes of an observer, of the stripe image to the right and left eyes of the observer via the spatial light modulation element and synchronously displaying the stripe pattern and the slit pattern in units of pixels or scan lines on corresponding scan lines of the display and the spatial light modulation element.

FIG. 1





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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 3592

DOCUMENTS CONSIDERED TO BE RELEVANT									
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)						
X	WO 95 05052 A (SORENSEN JENS OLE) 16 February 1995	1-4, 7, 10, 12-14, 17, 19-22, 25, 28, 29, 31, 35, 36, 39, 41, 44-46 16, 30, 32, 38 5, 6, 8, 9, 11, 15, 16, 18, 23, 24, 26, 27, 30, 32-34, 37, 38, 40, 42, 43	H04N13/00						
Y									
A	* page 1, line 13 - page 2, line 15 * * page 3, line 25 - page 5, line 4; figures 1-4 * * page 6, line 6 - line 12; figure 1 * * page 7, line 1 - line 7; figure 1 * * page 7, line 28 - page 8, line 7; figures 4, 6 * * page 8, line 22 - page 9, line 3; figure 8 * * page 9, line 31 - page 10, line 9; figures 1, 10 *								

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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)						
			H04N						
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>29 May 1997</td> <td>De Paepe, W</td> </tr> </table> <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>				Place of search	Date of completion of the search	Examiner	THE HAGUE	29 May 1997	De Paepe, W
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Application Number
EP 96 30 3592

DOCUMENTS CONSIDERED TO BE RELEVANT			
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X	EP 0 540 137 A (JAPAN BROADCASTING CORP) 5 May 1993	1,3, 5-13,19, 21, 23-29, 31,35, 41-46	
A	<ul style="list-style-type: none"> * page 3, line 3 - line 32 * * page 4, line 9 - line 37; figures 1,6A-6F,7A-7C * * page 5, line 29 - line 42 * * page 7, line 14 - page 8, line 30; figures 2-4 * * page 9, line 1 - line 13; figure 2 * * page 9, line 14 - line 25; figure 4 * * page 9, line 46 - line 55; figure 5 * * page 10, line 3 - line 22; figures 1,11 * * page 10, line 33 - line 41; figure 13 * * page 10, line 42 - page 11, line 1; figures 14,15 * <p>---</p>	2,4, 14-18, 20,22, 30, 32-34, 36-40	
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Y	EP 0 570 179 A (SHARP KK) 18 November 1993	30,32 1-29,31, 33-46	
A	<ul style="list-style-type: none"> * column 1, line 54 - column 2, line 2 * * column 3, line 7 - line 42; figure 1 * * column 4, line 10 - column 5, line 22; figures 2,3 * * column 5, line 23 - line 38; figure 4 * * column 6, line 59 - column 7, line 22; figures 8,9 * * column 7, line 57 - column 8, line 8 * <p>---</p> <p>-/-</p>		
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search		Examiner
THE HAGUE	29 May 1997		De Paepe, W
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Application Number
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A	* column 4, line 35 - column 5, line 29; figures 1,2A * * column 5, line 50 - column 6, line 47; figure 2B * * column 7, line 27 - column 8, line 2 * * column 8, line 16 - line 33; figure 3 * --- 	1-15, 17-37, 39-46	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.)
The present search report has been drawn up for all claims			
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THE HAGUE	29 May 1997	De Paepe, W	
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